



## SEASONAL FORECAST OUTLOOK FOR NORTH AFRICA

March-April-Mai 2024 issued on February 2024

Seasonal forecast outlook for North Africa RCC domain is based on several dynamical and statistical models in addition to the influence of some specific modes of teleconnection on global and regional scale. We also try to exploit the sources of predictability contained in the sea surface temperature (SST) by statistical methods when it is possible. We note, however, that this influence is not the same from one region to another or throughout all the year.

**NB:**

- 1. New:** Multi-model probabilistic forecasts from Copernicus C3S and WMO LC-LRFMME
- 2.** All dynamical forecasts are experimental.

## SYNTHESIS

The analysis of current circulation, sea surface temperature, ENSO phenomenon and dynamical/statistical models outputs show for March-April-Mai 2024:

- **For temperature:**

- ✚ Probably above normal conditions over Morocco, Algeria, Tunisia, Libya and Egypt.

- **For precipitation:**

- ✚ Probably normal to below normal conditions over Algeria, Libya and Egypt.

- ✚ Probably near normal conditions over the Far North of Morocco.




























- ✚ An equal chance of occurrence for below, near and above normal seasonal precipitation over the remaining parts of Morocco and Tunisia.

**NB: Precipitation forecasts are given for September to May (the main rainy season).**

**Temperature forecasts are given for January to December.**

**TABLES SUMMARIZING  
SEASONAL  
TEMPERATURE AND PRECIPITATION FORECAST  
MARCH-APRIL-MAI 2024**

**I. Seasonal Temperature Forecast**




























Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
<i>ECMWF</i>					
<i>UK Met-Office</i>					
<i>C3S</i>					
<i>WMO LRF-NMME</i>					
<i>IRI</i>	 SE ATL Side  Elsewhere	 NW&SW  Elsewhere			
<b>Synthesis</b>	<b>Probably above normal conditions</b>	<b>Probably above normal conditions</b>	<b>Probably above normal conditions</b>	<b>Probably above normal conditions</b>	<b>Probably above normal conditions</b>

**Legend**



N: North; S: South; W: West; E: East; C: Center; ATL: Atlas

## II. Seasonal Precipitation Forecast

Model/multi-model	Morocco	Algeria	Tunisia	Libya	Egypt
<i>ECMWF</i>	 S Elsewhere	 Almost Algeria	 Almost Tunisia	 Almost Libya	 Almost Egypt
<i>UK Met-Office</i>	 NE Elsewhere	 S&N Elsewhere	 Almost Tunisia		
<i>C3S</i>	 Far N Elsewhere	 Almost Algeria		 SE Elsewhere	 SW Elsewhere
<i>LRF-NMME</i>	 Far N  S Elsewhere	 SW Elsewhere		 SE Elsewhere	 N  Elsewhere
<i>IRI</i>		 CN Elsewhere		 NE Elsewhere	
<b>Synthesis</b>	<b>Probably near normal conditions over the Far North No special scenario elsewhere</b>	<b>Probably normal to below normal conditions</b>	<b>No special scenario</b>	<b>Probably normal to below normal conditions</b>	<b>Probably normal to below normal conditions</b>

### Legend



N: North; S: South; W: West; E: East; C: Center; ATL: Atlas